

## Product datasheet for MR206569

### Fdft1 (NM\_010191) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fdft1 (NM_010191) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fdft1
Synonyms:	SQS; SS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206569 representing NM_010191 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGTTCGTC AAGTGTCTAGGCCACCCGGAGGAGTTCTATAACCTGCTGCGATTCCGCATGGGAGGCC  
GGCGGAATTTTATACCCAAGATGGACCAGGACTCACTCAGCAGCAGCTTGAAGACCTGCTACAAGTATCT  
CAATCAGACCAGTCGCAGCTTTGCCGCGTTATCCAGGCGCTGGATGGGGACATACGGCACGCCATATGT  
GTGTTCTACCTGGTTCTCCGAGCCCTGGATACAGTGGAGGATGACATGAGCATCAGTGTGGAGAAGAAGA  
TCCCACTGCTGTGTAACCTCCACTTTCTCTATGACCCAGAGTGGCGTTCACTGAGAGCAAGGAGAA  
GGACCGACAAGTCTGGAGGACTTCCCCACGATCTCCCTGGAGTTTAGAAATTTGGCTGAGAAATATCAA  
ACAGTGATCGATGACATCTGCCACCGGATGGGGTGTGGGATGGCAGAATTTGTAGACAAGGATGTGACCT  
CCAAACAGGACTGGGACAAGTACTGCCACTACGTTGCTGGGCTGGTGGGAATTTGGCTTTCTCGTCTATT  
CTCTGCCTCAGAGTTTGAAGACCCCATAGTTGGTGAAGACATAGAGTGTGCCAACTCAATGGGTCTGTTC  
CTGCAGAAAACAAATATCATTCTGTGATTATCTGGAAGACCAACAGGAAGGAAGGAAGTTTGGCCTCAGG  
AGGTGTGGGCGAGATACATTAAGAAGTTGGAAGACTTTGCTAAGCCAGAGAACGTAGATGTGGCCGTGCA  
GTGCTTGAATGAACATATAACCAACACCCTACAGCACATCCCTGACGTCCTCACCTACCTGTCAAGGCTC  
CGAACCAGAGTGTGTTAACTTCTGTGCTATTCCACAGGTAATGGCCATTGCCACTGGCTGCCTGTT  
ACAATAACCAGCAGGTATTCAAAGGAGTAGTGAAGATTTCGGAAGGGCAAGCAGTACCCTCATGATGGA  
TGCCACCAACATGCCTGCCGTCAAAGCTATCATATACCAGTACATAGAAGAGATTTATCACCGGATCCCC  
AACTCAGACCCATCATCAAGCAAACCAAGCAGGTCTCCTCAAGATCAGGACACAGAACCTTCCCAACT  
GCCAGCTCATCTCCGAAGCCACTACTCCCCATTTACCTGTCAATTTATCATGCTCTTGGCTGCCCTGAG  
CTGGCAGTACCTGAGCACCTGTCCAGGTCACAGAAGACTATGTCCAGAGAGAACAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_010191.3](#), [NP\\_034321.2](#)

**RefSeq Size:** 2882 bp

**RefSeq ORF:** 1251 bp

**Locus ID:** 14137

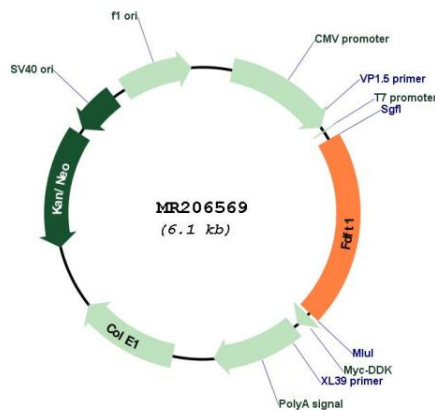
**UniProt ID:** [P53798](#)

**Cytogenetics:** 14 33.24 cM

**MW:** 48.6 kDa

**Gene Summary:** Critical branch point enzyme of isoprenoid biosynthesis that is thought to regulate the flux of isoprene intermediates through the sterol pathway.[UniProtKB/Swiss-Prot Function]

## Product images:



Circular map for MR206569